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## UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.		2003-IP-012051U1	
	First Inventor	Robert S. Taylor, et al	
	Title	CO2 Miscible Optimized	
	Express Mail Lahel No.	ER276299231US	

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See MPEP ch	APPLICATION ELEMENTS hapter 600 concerning utility patent application contents.	ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450			
2. Applicar See 37 Specific (preferred - Descrip - Cross F - Statem - Referer or a cor - Backgro - Brief Sc - Brief Sc - Detailled - Claim(s	and arrangement set forth below) ptive title of the invention Reference to Related Applications nent Regarding Fed sponsored R & D nnce to sequence listing, a table, imputer program listing appendix round of the Invention ummary of the Invention tescription of the Drawings (if filed)	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS			
5. Oath or Decla a. Newl b. Copy (for c i. D Si na 1. 6. Applica  18. If a CONTINI specification follo	y from a prior application (37 CFR 1.63(d)) continuation/divisional with Box 18 completed)  DELETION OF INVENTOR(S) igned statement attached deleting inventor(s) ame in the prior application, see 37 CFR .63(d)(2) and 1.33(b). cation Data Sheet. See 37 CFR 1.76  IUING APPLICATION, check appropriate box, and suppowing the title, or in an Application Data Sheet under 3				
Continuation  Continuation-in-part (CIP) of prior application No.:  Prior application information:  Examiner  For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS					
Customer Number:  OR Correspondence address below					
Name R					
Н	Halliburton Energy Services				
0.4	2600 South 2nd Street				
	Ouncan -	State         OK         Zip Code         73536-0440			
		elephone   580-251-3125   Fax   580-251-3917			
Name (Print/Type) Retort A. Kent Registration No. (Attorney/Agent) 28,626					
Signature	Hay 1 / Karl	Date 2. 21 - 14			

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patentis, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

U.S. PTC

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## FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** 

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spond to a conection of info	rmation unless it displays a valid OMB control number				
Complete if Known					
Application Number					
Filing Date					
First Named Inventor	Robert S. Taylor, et al				
Examiner Name					
Art Unit					
Attorney Docket No.	2003-IP-012051U1				

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)				
Check Credit card Money Other Non	3. A	3. ADDITIONAL FEES				
Deposit Account:	<u>Large</u>	Entity	Small	l Entity	•	
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	5 5
Account 08-0300	1051	130	2051		Surcharge - late filing fee or oath	Fee Paid
Number Deposit .		50	2052		Surcharge - late provisional filing fee or	
Account Name					cover sheet	$\vdash$
The Director is authorized to: (check all that apply)	1053		1053		Non-English specification	$\vdash$
Credit any overpayments	1804	2,520 920*	1804		For filing a request for ex parte reexamination Requesting publication of SIR prior to	
Charge any additional fee(s) or any underpayment of fee(s)	1004	920	1004	920	Examiner action	
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after	] [
to the above-identified deposit account.	1251	110	2251	55	Examiner action  Extension for reply within first month	
FEE CALCULATION	1252	420	2252	210		
1. BASIC FILING FEE Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee 770	1255	2.010	2255	1.005	Extension for reply within fifth month	
1001 770   2001 385 Utility filing fee 770	1401	330	2401	·	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402		Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403		Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55	Petition to revive - unavoidable	
	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSU	1501	1,330	2501	665	Utility issue fee (or reissue)	
Extra Claims below Fee Pai	1502	480	2502	240	Design issue fee	
Independent E	1503	640	2503	320	Plant issue fee	
Claims  Multiple Dependent	1460	130	1460	130	Petitions to the Commissioner	
	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity   Small Entity     Fee   Fe	1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$)   Code (\$)   1202 18   2202 9 Claims in excess of 20	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1202 16 2202 9 Claim's in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims over original patent	4004	770	2024	205	examined (37 CFR 1.129(b))	
1205 18 2205 9 ** Reissue claims in excess of 20	1801 1802	770 900	2801 1802	385 900	Request for Continued Examination (RCE) Request for expedited examination	
and over original patent	1 '00'	of a design application				
SUBTOTAL (2) (\$) 1234.00	11	Other fee (specify)				
**or number previously paid, if greater, For Reissues, see above	*Redu	iced by	Basic F	iling Fe	subtotal (3) (\$) 40.	00

SUBMITTED BY				(Complete (	if applicable))
Name (Print/Type)	Robert A. Kent	Registration No. (Attorney/Agent)	28,626	Telephone	580-251-3125
Signature	Tobe a Kent			Date	2-26-04

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Robert S. Taylor, et al

Application No.: / Unknown Group No.: Unknown Filed: Concurrently Herewith Framiner: Unknown

Filed: Concurrently Herewith Examiner; Unknown
For: CO2 Miscible Optimized HydrocarbonnBlends and Methods of Using CO2

Miscible Optimized Hydrocarbon Blends

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **EXPRESS MAIL CERTIFICATE**

"Express Mail" label number .	ER276299231US
Date of Deposit <u> </u>	6. 2004

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Specification with 21 pages
Information Disclosure STatement with PTO-1449 & References
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Assignment w/Reocordation Sheet
Fee Transmittal
Patent Application Transmittal
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is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Tammy Knight

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